Polycom® ViaVideo™

Business-to-business quality communications from your PC.

Product Data Sheet

Video

Feature Highlights

Extensive Windows Platform Support – ViaVideo now supports all Windows operating systems – XP through 98 including NT

Professional Quality Video in a Personal System – integrated camera and onboard multimedia processor provide full-motion video, full-duplex audio and data collaboration leaving your PC free to run other applications

Remote Management for Easy Enterprise Deployment – Polycom's Global Management System 2.5 allows you to manage and maintain your enterprise video commmunications deployment remotely

Easy to install and use – connects through your audio and USB ports for easy installations; no cracking open the PC

Multipoint Conferencing – place ad-hoc multipoint calls direct from the address book

Polycom VideoMail – use ViaVideo to create and send VideoMail to anyone who has a PC

Transfer and forward calls – transfer and forward video calls just as you would with your office phone

Part of total Polycom solution – seamless integration with group systems and network management suites, coupled with low cost of deployment, makes ViaVideo the solution for every desktop

Setting a new standard in personal video communications. The Polycom ViaVideo video communications appliance is the first integrated, USB-based video system for improved communications from your desktop.

Business-quality voice, video and data collaboration

The Polycom ViaVideo delivers business-quality voice, video and data collaboration capabilities so you can interact with customers and colleagues on the other side of the world, across town, or on another floor—just like you were in the same room.

Simply install the software, plug the ViaVideo appliance into your PC's USB port, and start enjoying voice, video, and data communications in minutes. You don't even need to break open your computer to insert a card.

Industry-leading technology

The ViaVideo video communications appliance combines the power of a high-quality camera and multimedia processor for improved video communications. Clarity by Polycom technology provides full-duplex audio with echo cancellation—you can hear every word that's said and also be clearly understood. A headset is available for personal conversations, or sound can be heard through your PC or external speakers.

With the integrated, high-performance multimedia processor, the ViaVideo delivers near full-screen, full-motion video communications while offloading the majority of audio and video processing from your PC allowing your other applications to run effectively.

Designed for the way you do business, this portable appliance can travel with you for convenient communications at home or in the office. ViaVideo supports IP-based (H.323) communications, and is compatible with your LAN, DSL or Cable networks. Plus, Polycom's IPriority™ Quality of Service features ensure high-quality transmission over your IP network.

Expanding personal communications

With the ViaVideo you can interact face-to-face, enhance productivity, make decisions faster and improve time management from the convenience of your PC. Anywhere, anytime.

Polycom ViaVideo

ViaVideo video communications appliance—the power of video communications at your desktop

Extensive Windows platform compatibility, supporting Windows 98, ME, 2000, NT 4.0 and now XP!

Business-quality video communications from the convenience of your desktop—up to 384 Kbps, 30fps, FCIF supporting H.261, H.263 and H.263+

Clarity by Polycom™ audio technology supporting G.711, G.722, G.728 and G.723

Easy, intuitive graphical user interface

Support for Polycom Global Address Book through ILS makes dialing as easy as a mouse click

IP-based, H.323 communications, supports broadband communications—LAN/WAN, DSL and Cable networks

Data collaboration using NetMeeting imbedded within the ViaVideo user interface

Management of large ViaVideo deployments made simple with Global Management System™ 2.5, the web-based management application for your video communication network

Conference-on-demand allows creation of multipoint calls withou having to make advance reservations on a bridge – just drag and frop participants into a call

Telephony capabilities now provide for additional seamless ease-to-use

Technical Specifications

Internal Processor
Philips TriMedia 1300

Standards Compliant
ITU H.323 (IP communications)
Video: H.261, H.263, H.263+
Audio: G.711, G.722, G.728, G.723

Data Rates/Frame Rates
32 Kbps—384 Kbps (384 Kbps send/384 Kbps receive)
Up to 15fps at 320 Kbps
Up to 30fps at 384 Kbps

Video
Up to 30fps FCIF (352 x 288 pixels), QCIF (176 x 144)
Picture-In-Picture (PIP)
Auto or manual brightness control

Audio
- Integrated Microphone
  - Hypercardiod microphone
  - Clarity by Polycom™ technology with full-duplexaudio, echo cancellation, noise suppression and automatic gain control
- Voice Only
  - Voice only to and from Voice over IP endpoints

Input/Output
USB connector
Power
Audio In/Out
- 3.5mm stereo-phone jack supports connection of optional external headset, headset/microphone, or powered speakers

Camera
Manual tilt and swivel
Manual focus
Optional laptop/flatscreen mounting clip

Centralized Management (Optional)
- Global Management System™ 2.5
  - Real-time ViaVideo monitoring and management
  - Common global dialing with ViewStation systems
  - Call detail recording
  - Quickly link to ViaVideo web interface

Web User Interface
Password protection
Dialing
Diagnotics
Management

User Interface
Easy-to-use graphical user interface
On screen virtual remote control
Snapshot
Manual or auto answer
Data collaboration
Incoming Caller ID
Polycom VideoMail™
Privacy shutter
Video mute
Far end control of Polycom PTZ endpoints

Dialing Capabilities
- Directory Service
  - Internet Locator Service (ILS) support
  - H.323 external gatekeeper, gateway and MCU support

Calling Capabilities
- Call Forwarding
  - Busy
  - No answer
- Call Transfer
  - To another H.323 endpoint
- Conference-on-Demand
  - [1]Using PathNavigator and an MGC Bridge
  - Create a multipoint from ViaVideo UI

Remote Software Update
Software update with user definable URL

System Includes
- ViaVideo System
  - Integrated camera/codec and mounting base; support for external tripod mount
  - USB cable
  - Power adapter and cable
  - Application software
  - Electronic User guide
  - Quick Start Install guide

O/S Compatibility
Windows 98
Windows 98 SE
Windows 98 ME
Windows 2000 – Professional
Windows NT 4.0
Windows XP – Home and Professional

Data Collaboration (T.120)
Application sharing
Whiteboard
File transfer
Chat

PC System Requirements
- Minimum
  - USB port
  - 350 MHz processor, Pentium-class with MMX
  - 64 MB RAM
  - 4 MB video memory
  - 120 MB available hard disk space
  - SVGA monitor (800 x 600)
  - 16-bit color or higher
  - Laptop PC: external speakers required
  - Desktop PC: external speakers required

Network Requirements
Any IP-based network including Ethernet, Token Ring, Cable,
- DSL, Frame, FDDI, T-1 and ATM
- LAN
  - Microsoft Windows 98, ME, 2000, NT, XP or TCP/IP support
  - Network interface card
- Cable or DSL
  - Network modem

Warranty
One year parts and labor

Physical
ViaVideo camera/codec: height x depth x width
1.6" (40mm) x 5" (127mm) x 3.37" (86mm)
Mounting base: height x depth x width
1.7" (43mm) x 3.45" (88mm) x 3.23" (82mm)
Weight: 9 oz. (.252kg)

Electrical
Domestic power supply:
- Auto-switching 9 watt; 7.5 V output

International power supply:
- Auto-switching 15 watt; 12 V output

Approvals
FCC Class B

[1]Conference-on-demand requires PathNavigator™1.0 and an MGC Bridge 3.01 and higher

Global Management System™ is an optional, complete web-based management system for your video communication network. It will greatly enhance the experience of video communication users by increasing their first call success rate. It will do this with a much samller support organization than would otherwise be possible.
The key features are:

- Manage and monitor all your video endpoints with server initiated remote alerts
- Provide a global dialing directory for all Polycom endpoint users
- Keep ViewStation settings and software updated remotely from a server
- Track all calls through CDR history and use for billing or department charge-back

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